



Other Information relative to site photo reference: A site map with photo point locations is attached to this report.

If required to complete Level 3 monitoring only stop here; otherwise, complete section 2.

**Section 2. PLANT SURVIVAL**

**Attach plan sheet indicating reference photos.**

Identify specific problem areas (missing, stressed, damaged or dead plantings):

Type I & II plantings were minimal.

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Estimated causes, and proposed/required remedial action: NCDOT proposes to replant Type I and II plantings after remedial work takes place on the stream.

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ADDITIONAL COMMENTS: The planted vegetation that was surviving onsite consisted of black willow. Other vegetation noted onsite consisted lespedeza, briars, jewelweed, alder, cattails, tulip poplar, goldenrod, and various grasses

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If required to complete Level 1 and Level 2 monitoring only stop here; otherwise, complete section 3.

### Section 3. CHANNEL STABILITY

**Visual Inspection:** The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. Physical measurements of channel stability/morphology will not be required. Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.

UT to Dixon Branch (Site 19) stream relocation is experiencing some instability for the Year 2 Winter evaluation. The right arm of the first crossvane at the outlet of the pipe (Sta 9+90 Y-7) has been displaced into the center of the channel. Also, downstream of the pipe the right bank has experienced some bank erosion at Sta. 9+80 Y-7. Two areas of bank scouring were noted upstream of the pipe crossing during this evaluation. NCDOT plans to perform remedial work at this stream relocation to repair the unstable areas.

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Date 3/16/10	Station 9+90 Y-7	Station 9+80 Y-7	Station 10+40 Y-7	Station 10+80 Y-7	Station Number
Structure Type	Crossvane				
Is water piping through or around structure?					
Head cut or down cut present?					
Bank or scour erosion present?		Bank erosion on right bank	Bank scouring on left bank	Bank scouring on left bank	
Other problems noted?	Right arm of crossvane has been displaced into channel.				



# UT to Dixon Branch

## Site 19



Photo Point #1 (Upstream)



Photo Point #1 (Downstream)



Photo Point #2 (Upstream)



Photo Point #2 (Downstream)



Photo Point #3 (Upstream)  
Year 2 Winter – March 2010



Photo Point #3 (Downstream)



# UT to Dixon Branch

## Site 19



Photo Point #4 (Upstream)



Photo Point #4 (Downstream)



Photo of right bank downstream of pipe



Left bank scouring at end of J-Hook @ Sta. 10+80 Y-7



Left bank scouring at end of J-Hook @ Sta. 10+40 Y-7  
Year 2 Winter – March 2010



